

***VIRGINIA - DOD
POLLUTION PREVENTION
PARTNERSHIP***



WHY A PARTNERSHIP?

- SHARE INFORMATION, EXPERIENCE, EXPERTISE***
- WORK ON COMMON PROBLEMS***
- BUILD TRUST***
- TAKE ADVANTAGE OF PROVEN PERFORMANCE***

-there are many P2 tools (Pollution Prevention Technical Library, Pollution Prevention Equipment Program, EQI Fact Sheets, P2 Plans, etc), training and conferences already available

-partnership fills gap: provides forum larger than base but smaller than conference, in one day trip can visit and see first hand

-much to share: award winning P2 programs - CNRMA and Radford (more details on display tables)

-logistically potential for regional or state solution to common issues

TEAM MEMBERS

- ***VDEQ***
- ***ARMY***
- ***NAVY***
- ***AIR FORCE***
- ***MARINE CORPS***
- ***RESERVES***
- ***EPA REGION III***
- ***NATIONAL GUARD***
- ***DEFENSE SUPPLY CENTER***
- ***PENTAGON***

***POLLUTION PREVENTION
INITIATIVES AT VIRGINIA DOD
INSTALLATIONS***



PARTS CLEANER SINK AND SOLVENT CHANGE

- Uses less hazardous solvent
- Sink recycles solvent, permitting longer use
- Technology primarily responsible for 99% reduction in pounds of HW solvent disposed at Fort Eustis



PLASTIC MEDIA BLASTING

- This process change helped Quantico reduce usage and disposal of stripping solvent by 16,000 lb/yr
- Quantico has also begun leasing recyclable media, reducing cost of spent blast by 30%.



- Navy now segregates and recycles contents of OBA canisters used for firefighting aboard ships
- Annual cost savings is estimated at \$575,000.



RECYCLING OF DEMILITARIZED PROPELLANT

- Radford AAP diverted a HW stream by developing a contract to sell demilitarized propellant to a commercial explosives manufacturer.
- Estimated savings in FY99 and 00 is \$1.5M.



- Fort Eustis partners with the Navy Fleet and Industrial Supply Center to provide hazardous materials
- Unused materials can be turned in for reissue vice disposed of as waste.
- Annual cost avoidance is estimated at \$199K.



DIGITAL PHOTO PROCESSING

- Digital photo processing is being utilized by the Fleet Imaging Command at NAS Oceana, drastically reducing the chemical usage and generation of HW.
- This process change saved the base \$63K per year.

PARTNERSHIP MISSION

- ***MODEL STATE-FEDERAL PARTNERSHIP***
- ***IDENTIFY OPPORTUNITIES, DEVELOP SOLUTIONS AND PROMOTE SUCCESSES***
- ***ENHANCE RESPECTIVE MISSIONS***
- ***CONSERVE RESOURCES***
- ***IMPROVE QUALITY OF VIRGINIA'S ENVIRONMENT***

MEMBERSHIP & RESPONSIBILITIES

- ***SENIOR ENVIRONMENTAL MANAGERS
FROM PARTICIPATING ORGANIZATIONS***
- ***MEMBER CONTINUITY***
- ***NOT LEGALLY BINDING***
- ***CHARTER REVISITED***
- ***ANNUAL PROGRESS REPORT***

-if possible, wanted senior environmental managers: knowledge of all environmental programs, make decisions, closer to command management, best advocate at meeting

-to be effective need continued interest/attendance and membership continuity (attendance not delegated continuously to others)

PARTNERSHIP GOALS

1. REVIEW FIVE PRACTICES/PROCESSES:

- ***SOLVENT USAGE***
- ***UNIVERSAL WASTE***
- ***AFFIRMATIVE PROCUREMENT***
- ***HAZARDOUS MATERIAL MANAGEMENT***
- ***AFFF USAGE***

- Review five practices and processes common to DOD installations for P2 opportunities and transfer successes to other installations within two years.
- Brainstormed & ranked processes of interest to group.
- Working groups established to explore each of these issues.
- Initial product is point paper that identifies, documents and transfers best practices.

PARTNERSHIP GOALS

2. INITIATE FOUR COOPERATIVE PROJECTS

- ***SUSTAINABLE BUILDING TECHNIQUES***
- ***VIRGINIA PRIORITY CHEMICALS***
- ***BUSINESSES FOR THE BAY***
- ***VIRGINIA NATURALLY 2000***

- Initiate four cooperative projects among participants every 18 months.
- Initial projects determined through brainstorming/ranking.
- Educate design engineers on sustainable building techniques, technologies, and processes.
- Reduce discharge of priority chemicals to VA's environment.
- Increase number of facilities participating in Businesses for the Bay.
- Become a participating agency in Virginia Naturally 2000.

PARTNERSHIP GOALS

3. SHARE INFORMATION

- ***WEBSITE***
- ***CONFERENCES***
- ***NEWSLETTERS***

- Externally share information thru five communication avenues per year, including conferences, workshops, publications, and the internet.
- We're planning to add a P2 partnership website to DENIX - the DOD Environmental web-based info source and to encourage partners to publicize info through their installation web pages.
- DOD/EPA hosted a colloquium in August. The P2 partnership was a featured topic (recd. Inquiries from MD about starting one there!). DEQ hosts an annual conference in April in Lexington that will also highlight the partnership.
- In lieu of creating a separate newsletter, our focus is on developing articles that can be published in existing newsletters and base papers.

ACCOMPLISHMENTS

- ***FOUR MEETINGS***
- ***WORKING GROUPS ESTABLISHED***
- ***INSTALLATIONS INCLUDED IN VIRGINIA NATURALLY 2000***
- ***INSTALLATIONS JOINED BUSINESSES FOR THE BAY***
- ***INITIATIVE PRESENTED AT DOD/EPA COLLOQUIUM***

NEXT STEP

***LET'S MAKE IT
OFFICIAL!***